

Compass Math - Plain and Simple

Compass Math is an Integrated Learning System - designed for students to work individually on areas of need. It's strength is in the ability for every student to work at his/her own pace and on the specific standards that need improvement. It demands the teacher to be interactive with the reports and class assignments on a regular basis in order to attain formative data and guide instruction for the greatest student achievement.

Students participate by completing activities in two separate components of the program that should happen concurrently. They work back and forth between 2 different sets of activities - those in the Learning Path that were prescribed by the assessment and those that are prescribed by the teacher, and created to match needs in the math scope and sequence.

- The Learning Path, driven by individual results on the Pre-Test, is designed to focus student activities on the specific standards or areas of weakness. The standards span the entire year's learning. The Learning Path will consume approximately one-third of the students' computer time.
- The Teacher Prescribed Path, driven by our Curricular Scope and Sequence, consists of student activities chosen by the teacher to align with classroom needs. Teachers must choose Class Assignments tailored to each student based on individual work progress. The Teacher Path will consume the remaining two-thirds of the students' computer time.

Students should work on computer activities 45 minutes a week. Don't become so focused on the amount of minutes that you negate the quality of the experience. Think more about the number of completed activities per day. If a student does 1 **complete** activity per day and logs out, he will easily get in his required time per week.

Students should focus on completing 1 activity per day with a minimum score of 80.

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Beginning of the Year

1. a.	ACADEMIC COACH: Compass Professional Development	Academic Coach will provide Professional Development for teachers.	August 2014
1. b.	ACADEMIC COACH: Model classroom management for Compass	(See compass management and procedures)	August 2014
1.	TEACHER: Login to Compass.	<i>At school, go to http://compass.cmcss.net . At home, go to http://68.119.97.218 . Use your MUNIS number as the username and initials and last 4 numbers of SSN as your password.(As of August 2014, new teacher passwords may not be last 4 of SSN. See academic coach or Chris Pugh)</i>	August 2014
2.	TEACHER: Update/Create Class Names.	<i>You can make as many classes as you like. You might consider making each small group a class as well as a class with all your students. Think of it like PowerSchool groups.</i>	August 2014
3.	TEACHER: Add your current students to your class(es).	<i>Using the "Add Students" button will take you to the student index. This is where you can checkmark all students you wish to add to your class before clicking "Add Selected Students" to bring them into your list.</i>	August 2014
3a.	TEACHER: Model Classroom Management and Procedures for Students	<i>Teachers will model procedures for logging into Compass, accessing appropriate assignments, viewing own feedback in Backpack, using Activity Finder, and logging out correctly.</i> <i>Student username is 6-digit lunch number. The student password is first initial, last initial and last 4 numbers of state issued student PIN (available from Reports tab in PowerSchool)</i>	August 2014
4.	TEACHER: Assign activities that meet content review standards to students.	<i>Teachers should assign activities that remediate or enrich standards following the CMCSS scope and sequence so students can begin immediately.</i>	August 2014
5.	ACADEMIC COACH: Add all students to Core group and assign Core level pretest.	<i>Academic Coaches have developed this for all grade levels. Academic coaches will assign pretests.</i>	August 2014
6.	TEACHER: Pretest Students. (Core level pretest)	<i>Test students as soon as your academic coach has assigned a pretest. Results of the pretest will be used to group your students for differentiated instruction and determine their Compass Learning Path.</i>	Delayed Per PathDriver Schedule Sept. 2 - Sept. 23
7.	ACADEMIC COACH & TEACHER: Data chat to discuss the Core test results and decide on final student group assignment.	<i>The teacher will generate a Test Summary by Objective report to use in the data chat. This report is under the Assessment tab. It shows the standards assessed.</i>	Sept. 23 - Oct. 7
7a.	TEACHER: Core students begin working on activities.	<i>Core students begin Learning Path activities and Group assignments. Students whose scores on the Core pretest do not indicate that additional testing is needed should begin working on activities.</i>	Immediately following test completion

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7b.	ACADEMIC COACH: Remove selected students from the Core group. Add them to the Prerequisite or Enrichment group, as appropriate. Assign Prerequisite or Enrichment pretests to students. Test students in their new groups. <i>(TEACHER WILL PROVIDE INPUT)</i>	<i>Students whose scores indicate further testing is needed, will be removed from the Core group and added to the Prerequisite group or Enrichment group. Academic coaches meet with teachers and use the Test Summary by Objective Report to finalize student placement in groups. Prerequisite and Enrichment students must test in their own level. Students who need to be given a pretest at a different level than the Core pretest should be retested. Based on Core Test results, compass will generate a Learning Path for each student.</i>	PreRequisite & Enrichment PreTesting- Sept. 24 - Oct. 14
8.	TEACHER: Prerequisite and Enrichment students begin working on activities.	Prerequisite and Enrichment students begin Learning Path activities and Group assignments.	Immediately following test completion
9.	Pre-Testing Ends	To allow for growth measurement, no students will begin pre-testing after this date.	March 31, 2015

On-going Processes

Students should focus on completing 1 activity per day with a minimum score of 80.

1.	TEACHER: Check your class list in PowerSchool against your CompassLearning class list. <ul style="list-style-type: none"> Add/Remove kids from class. Update Reports by removing and adding the name of your class. 	<p>New students in PowerSchool are loaded into CompassLearning nightly.</p> <p><i>If there are missing students, email either your academic coach or Chris Pugh at chris.pugh@cmcss.net with student name(s) needed.</i></p> <p><i>If a student is new to our system and in grades 1 - 5, make sure your academic coach has assigned a pre-test for that student.</i></p>
2.	TEACHER: Run a Student Progress Report for the previous 3 weeks, if you manually create them. If you follow these directions, http://empowerstudents.wikispaces.com/file/view/Compass-SchedulingWeeklyProgressReports.pdf , your reports come to your email weekly. <p>Once a week, have the students open the backpack on their screen and click the WEEK button.</p>	<p><i>Make sure to change the beginning date of the report to cover the beginning of the 3 week period. The ending date will automatically be for the day you create the report.</i></p> <p><i>As you begin to use Compass more frequently you may need to run these reports weekly to guide your instruction.</i></p> <p>The backpack on the student's screen is the ONLY place to see every activity they have accessed whether they completed them or not.</p>
3.	TEACHER: Adjust students' assignments for instruction according to necessary content or level of mastery.	<ul style="list-style-type: none"> Use the Student Progress Report. Add or adjust assignments. <p>To unlock students who score below 80 on activities with decision points and are locked out, the passcode to unlock them is unlock99.</p>

More help tutorials and documents at <http://empowerstudents.wikispaces.com/compass>

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End of the Year Checklist

1.	ACADEMIC COACH: Academic Coaches will assign the post assessments for all groups.	<i>Academic coaches will assign post assessments only to students that have been enrolled before March 30th, 2014.</i>	April 20-24, 2015
2.	TEACHER: Post-test students during the 2 weeks following TCAP.	<i>Test students as soon as your academic coach has assigned a post-test. Results of the post-test will be used as summative data for the year's work..</i>	1st & 2nd - Apr. 27-May 1, 2015; 3rd, 4th, & 5th - May 4, 2015 - May 15, 2015
3.	ACADEMIC COACH & TEACHER: Compare results using the Objective-Based Test Results and plan adjustments for the next year.	<i>Teachers will meet with the academic coaches to offer insights on Compass assessments, learning paths, and practices. Academic coaches will meet to make adjustments as they align to best practices in instruction.</i>	May 2015
4.	TEACHER: Make sure that the academic coach has a list of students being retained so they can be assigned to the proper grade level for the following year.	<i>Promotions to the next grade are done in CompassLearning separately from PowerSchool. Retained students must be manually reverted to the correct grade level.</i>	End of May 2015
5.	ACADEMIC COACH: Academic Coaches will meet to revise Compass Assessments and Learning Paths.	<i>The 3rd through 5th grade assessments and learning path activities will need revision to align with Common Core State Standards. (1st and 2nd will be revised per teacher evaluation.)</i>	May 2015 at Kilobyte Lab in Greenwood Technology Center

Over the summer, the students will be promoted to the next grade by the System Administrator and automatically removed from the teachers' classes. When teachers return in August, the class lists will be empty again and ready to add the new school year's students. This would be a good time to decide if the class names "worked" for you or if you want to create more/others before you load your new students into your classes.